BROADCAST PARTNERS
We make radio happen

dab+

aXemble

DAB+ Headend

aXemble Cloud

aXemble

Easy Access & Connectivity

The web-based aXemble DAB+ headend dashboard provides a clear overview of on/off-air services and easy access to detailed information about aXemble encoders, multiplex services and audio inputs. The user interface features modern HTML5 architecture for real-time data status information such as audio levels and metadata. The responsive interface is suitable for both desktop and mobile devices and supports SNMP monitoring. The aXemble MUX features EDI stream in accordance with the DAB+ ETSI TS 10563 protocol and is compatible with the latest DAB+ transmitters. There is optional online remote support available and updates can be installed via internet.

Hardware Highlights

Both the aXemble headend and the encoder are comprised of the same components and the interior and exterior feature identical technical hardware specifications. The device is fully functional once it has been assembled and the software (firmware) installed. The aXemble headend and encoder can be operated via remote control in combination with the aXemble web-based dashboard software.

Future-proof through R&D

Our innovative Research & Development department is continually working to improve the aXemble's software features to ensure optimal, state-of-the-art functionality now and in the future.

DAB+ Headend

General Information

Broadcast Partners offers innovative technology and complete DAB+ solutions. The aXemble product line consists of two unique solutions: a full-option aXemble encoder and a headend that includes encoding and multiplexing. aXemble complies with the DAB+ standard ETS 300 401 protocol.

Setup & Usability

The aXemble DAB+ headend multiplexer encodes multiple sources such as AES/EBU, Livewire/AES67, Icecast, Shoutcast and PCM streams in the highest possible audio quality. There is an analogue audio input on board and you can adjust bitrates and bandwidths from 32 to 192 kbps with full error protection per channel. Advanced audio encoder profiles such as AAC-LC, HE-AAC and HE AAC V2 are also available in the encoder settings. The standard aXemble DAB+ headend provides MOT Slideshow and DLS services. Setting up is a breeze thanks to the user-friendly menu and the web-based user interface can be used to install and operate the headend as well.

aXemble Cloud

aXemble Cloud

The aXemble headend is a well-known solution that has been used in various countries around the world for some time now. Recently, we've added aXemble Cloud to our portfolio so that we can offer the same functionality as the hardware version in an efficient cloud-based service. For an attractive monthly fee, you can access your station's information through the web-based platform. aXemble Cloud provides 'as-a-service' solutions for DAB+ transmissions.

If you'd like to know more about this product, please contact Edward Hotchkin or Christiaan Pladdet via axemble@broadcastpartners.nl

If you have any questions regarding system integration, please contact Research & Development Manager René van de Kolk at Rene.van.de.Kolk@broadcastpartners.nl

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